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[54] AIR CONDITIONER FOR AUTOMOBILE

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[51] Int. CL⁶ B60H00132 ; B60H00300; B60H00306**[57] ABSTRACT**

PROBLEM TO BE SOLVED: To always cleanly keep an evaporator, and to prevent generation of an offensive odor by arranging the photocatalyst part containing titanium oxide on the upstream side surface of a wind passage in the evaporator, and oppositely arranging the light irradiating part to irradiate ultraviolet rays to the photocatalyst part.

SOLUTION: A blower 50 to blow air, a filter 60 to remove dust from air, an evaporator 70 to cool air and the like, are arranged in a case 40. The photocatalyst part 90A containing titanium oxide is arranged over about 1/3 of the upstream side on the surface of the evaporator 70. This photocatalyst part 90A is formed by applying titanium oxide particles carried by a binder such as polyethylene and polypropylene by spraying. Ultraviolet rays emitted by the light irradiating part 100 prevent generation of an offensive odor by decomposing mold and bacteria by generating active oxygen from oxygen and water in the air by the photocatalyst action of titanium oxide by irradiating the surface of the evaporator 70 and the side surface of the filter 60.
